

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare:

My post office address, residence address and country of citizenship as stated below next to my name are true and correct;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

"Method and Apparatus for Forming an Optical Multilayer Filter"
by Emiko Nishida and Noboru Uehara, described in the patent application filed herewith;

I have reviewed and understand the contents of the above identified application, including the description, claims and drawings, including any amendments specifically referred to herein; and

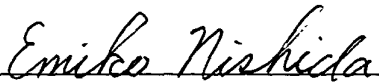
I acknowledge the duty to disclose information, including information which became available between the filing date of any prior-filed patent applications upon which priority is claimed and the filing date of this application, known to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I claim benefit of priority under 35 U.S.C. § 119(a)-(d) or § 365(b) for:
application no. 200913/00 filed July 3, 2000 in Japan

I declare that no foreign application for patent or inventor's certificate and no international patent application has been filed on the same subject matter prior to the earliest-filed application upon which priority is claimed.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor: Emiko Nishida
Post Office: c/o Japan Aviation Electronics Industry Limited,
21-2, Dogenzaka 1-chome, Shibuya-ku,
Tokyo 150-0043 Japan
Residence: Tokyo, Japan
Citizenship: Japan

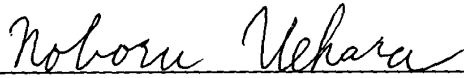


Signature (exactly as typed above)
Emiko Nishida

June 8, 2001

Date

Inventor: Noboru Uehara
Post Office: c/o Japan Aviation Electronics Industry Limited,
21-2, Dogenzaka 1-chome, Shibuya-ku,
Tokyo 150-0043 Japan
Residence: Tokyo, Japan
Citizenship: Japan



Signature (exactly as typed above)

Noboru Uehara

June 8, 2001

Date

0991054-052501
T052501-45016660

POWER OF ATTORNEY

I am an official empowered to act on behalf of JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, whose address is 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan ("COMPANY").

COMPANY holds all rights, title and interest in the subject matter which is claimed and for which a patent is sought on the invention entitled "Method and Apparatus for Forming an Optical Multilayer Filter" by Emiko Nishida and Noboru Uehara, described in the patent application filed herewith, by virtue of assignment from the inventors identified above, for which a copy is attached hereto.

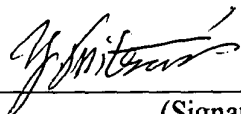
All prior-filed powers of attorney, if any, in connection with this application are hereby revoked and the following are appointed as principal attorneys and agents with full power of substitution and revocation, to appoint other principal and associate attorneys, to prosecute this application, to transact all business in the United States Patent and Trademark Office connected therewith and to receive the original Letters Patent:

Thomas A. Gallagher (Reg. No. 24,815)
David N. Lathrop (Reg. No. 34,655)
Timothy J. Lane (Reg. No. 41,927)

Please send all correspondence to:

GALLAGHER & LATHROP
601 California Street
Suite 1111
San Francisco, CA 94108-2805

For Japan Aviation Electronics Industry Limited:



(Signature)

June 8, 2001

(Date)

Yoshimasa Mitsui

(Printed Name)

General Manager
Intellectual Property Division

(Title)

ASSIGNMENT

I am an inventor of a new invention entitled

"Method and Apparatus for Forming an Optical Multilayer Filter"

by Emiko Nishida and Noboru Uehara, for which I have executed a patent application on
June 8, 2001

JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, whose address is 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring my entire right, title and interest in and to said application and said invention, in and to any and all improvements relating to said invention, and in and to each and every Patent thereon, when granted in the United States.

For good and valuable consideration, the receipt of which is acknowledged:

1. I sell, assign, transfer and convey unto ASSIGNEE, my entire right, title and interest:

(a) in and to said invention, improvements, application, and each and every additional application filed in the United States of America, which additional application is a division, substitution, continuation or continuation-in-part of or is based on said application or which additional application relates to said invention and improvements;

(b) all priority rights associated with the filing of each and every such application, and

(c) in and to each and every Patent on said invention and improvements that may be granted, including each and every Patent that may be granted on any of the applications referred to in sub-section (a), and in and to each and every reissue, re-examination or extension of each and every such Patent.

2. I warrant, covenant and represent the fact that I have not heretofore granted any license, right or privilege in the United States of America with respect to said invention or said application to any other, or in any other way encumbered the same, and that I have the full right to sell, assign, transfer and convey, free of all licenses and encumbrances, the entire interest hereby assigned.

3. I covenant that, at the request and expense of ASSIGNEE, I will promptly execute all papers necessary or desirable to perfect ownership of said invention, applications and said each and every Patent to ASSIGNEE, and execute all oaths, declarations and other papers necessary or desirable for prosecuting said applications, for use in interference proceedings involving said invention, applications and each and every Patent, for use in opposition proceedings involving said invention, applications and each and every Patent, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or re-examination of said each and every Patent. I further covenant and agree that, at the expense and request of ASSIGNEE, I will promptly assist ASSIGNEE in

interference and opposition proceedings involving said invention, applications and each and every Patent, and in litigation involving said invention, applications and each and every Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and each and every Patent.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon me, my heirs, legal representatives and assigns.

Emiko Nishida, a resident of Tokyo, Japan

Emiko Nishida
Signature
Emiko Nishida

June 8, 2001
Date

Noboru Uehara, a resident of Tokyo, Japan

Noboru Uehara
Signature
Noboru Uehara

June 8, 2001
Date

105290-15016850